

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

PB990

Application Number

09/498,773

Applicant(s)

Anila Bhan and Lars Holmberg

Filing Date

February 5, 2000

Group Art Unit

1623

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Mc	A1	5,936,077	8/10/99	Pfleiderer, et al.	536	023.100	
Mc	A2	5,362,866	11/8/94	Arnold, Jr.	536	025.300	
Mc	A3	4,672,110	6/9/87	Letsinger	536	025.310	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Mc	B1	WO 92/09615	6/11/92	PCT	-----	-----		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Mc	C1 !	Beaucage, S. L., et al.; The Synthesis of Modified Oligonucleotides by the Phosphoramidite Approach and Their Applications; Tetrahedron, Volume 49 Number 28 (1993), pages 6123-6194.
Mc	C2 !	Matteucci, M. D., et al.; The Synthesis of Oligodeoxyrimidines on a Polymer Support; Tetrahedron, Volume 21 (1980), pages 719-722.

EXAMINER

L. E. Crane

DATE CONSIDERED

10/10/00

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Form PTO-A820

(also form PTO-1449)

P09A/REV04

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SHEET 1 OF 3

09/498,773 - PTO-1449

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	C3 !	Solomon, J. J., et al.; In Vitro Alkylation of Calf Thymus DNA by Acrylonitrile. Isolation of Cyanoethyl-Adducts of Guanine and Thymine and Carboxyethyl-Adducts of Adenine and Cytosine; Chem-Biol Interactions, Volume 51 (1984), pages 167-190.
	C4 !	Griffin, L. C., et al.; The Discovery and Characterization of a Novel Nucleotide-Based Thrombin Inhibitor; Gene, Volume 137 (1993), pages 25-31.
	C5 !	Jin, L., et al.; In Situ Hybridization: Methods and Applications; Journal of Clinical Laboratory Analysis, Volume 11 (1997), pages 2-9.
	C6 !	Alama, A., et al.; Antisense Oligonucleotides as Therapeutic Agents; Pharmacological Research, Volume 36 Number 3 (1997), pages 171-178
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	C8	Gait, M. J., et al.; Rapid Synthesis of Oligodeoxyribonucleotides: A New Solid Phase Method; Nucleic Acids Research, Volume 4 Number 4 (1977), pages 1135-1158. (April, 1977).
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	C10 !	Bonora, G. M., et al.; HELP (High Efficiency Liquid Phase) New Oligonucleotide Synthesis on Soluble Polymeric Support; Nucleic Acids Research, Volume 18 Number 11 (1990), pages 3155-3159.
	C11 !	Koster, H.; Polymer Support Oligonucleotide Synthesis VIII Use of Polyethylenglycol; Tetrahedron Letters, Volume 16 (1972), pages 1535-1538. (Issue No. 16).
	C12 !	Ravikumar, V. T., et al.; 4-Cyano-2-Butenyl Group: A New Type of Protecting Group in Oligonucleotide Synthesis Via Phosphoramidite Approach; Nucleosides and Nucleotides, Volume 16 Number 7-9 (1997), pages 1709-1712.
	C13 !	Temsamani, J., et al.; Sequence Identity of the n-1 Product of a Synthetic Oligonucleotide; Nucleic Acids Research, Volume 23 Number 11 (1995), pages 1841-1844.
	C14 !	Wilk, A., et al.; The 4-[N-Methyl-N-(2,2,2-trifluoroacetyl)amino]butyl Group as an Alternative to the 2-Cyanoethyl Group for Phosphate Protection in the Synthesis of Oligodeoxyribonucleotides; Journal of Organic Chemistry, Volume 64 (1999), pages 7515-7522.

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C15 !

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Crea, R., et al.; Synthesis of Oligonucleotides on Cellulose by a Phosphotriester Method; Nucleic Acids Research, Volume 8 Number 10 (1980), pages 2331-2348.

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